Special Issue

Analysis and Optimization of Organic Rankine Cycle (ORC) for Waste Heat Recovery

Message from the Guest Editor

Greetings! The fight against climate change requires our effort to improve the current landscape of energy production systems. More efficient and sustainable energy conversion technologies are needed to reduce the emissions of carbon dioxide and other greenhouse gases. In this context, waste heat recovery systems play a significant role by using lower-temperature sources to produce high-quality energy, increasing the overall efficiency of the processes. Among the available different technologies, organic Rankine cycle systems represent a proven and viable solution. This Special Issue aims to collect some of the most recent advancements in the mentioned aspects to favor the improvement of small ORC-based power units and make them profitable. Economic and financial aspects are also welcomed. Efficiency improvements of units having greater power are also in the interest of this Special Issue, outlining solutions that integrate different recovery streams.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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